



Breaking the Hubble Paradigm . . . Programmatic Perspective



- | ***Rapid Prototyping*** – early emphasis on rapid prototyping of key technologies
- | ***Military Spinoffs*** – extensive use of declassified DoD technology and techniques
- | ***Pre-Development Investment*** – robust pre-development technology program with well-defined technology off-ramps. NGST will not matriculate into development until the technology is ready!
- | ***Technology Flight Validation*** – aggressive technology pathfinder flights to demonstrate enabling/enhancing technologies in space, while validating modeling/simulation tools
- | ***Process Re-Engineering*** – chartered Cost & Process Integrated Product Team to evaluate cost containment policies and practices in industry
- | ***Cost As An Independent Variable*** – use Cost up-front in the NGST recursive design formula for observatory end-to-end system design—design and operate to cost!